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		1	AUG 2 4 COOT	Application Number	10/673,957
INFO	DRMATION	DX	CLOSURE	Filing Date	September 29, 2003
STA	TEMENT B'	ΥÀ	CLOSURE PRICART	First Named Inventor	Craig Nevill-Manning et al.
				Art Unit	2673
	(Use as many she	ets as	necessary)	Examiner Name	Unknown
Sheet	1	of	2	Attorney Docket Number	53051-292959

			U.S. PATENT		
Examiner Initials *	Cite	Document Number	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Refevan
	No.1	Number - Kind Code <sup>2</sup> (if known)	MM-DD-YYYY	Gree Book Form	Passages or Relevant Figures Appear
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		FOREIGN PA	TENT DOCU	MENTS		
Examiner	Cite	Foreign Patent Document	Publication	Name of Patentee or	Pages, Columns, Lines, Where Relevant	
Initials*	No.1	Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (if known)	Date MM-DD-YYYY	Applicant of Cited Document	Passages or Relevant Figures Appear	T⁵
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Examiner Signature	1	Solul An	6	Date Considered	1-7-07

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Translation is attached.
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Substitute for form 1449B/PTO Complete if Known Application Number 10/673,957 INFORMATION DISCLOSURE Filing Date September 29, 2003 STATEMENT BY APPLICANT First Named Inventor Craig Nevill-Manning et al. 2673 Art Unit (Use as many sheets as necessary) Examiner Name Unknown 53051-292959 of 2 Attorney Docket Number Sheet

		NON PATENT LITERATURE DOCUMENTS	· · · ·
Examiner Initials *	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposlum, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	τ;
NA	1	Yahoo! Shopping web page, as provided by Internet Archive Wayback Machine at http://web.archive.org/web/20030101-20030922re_/http://shopping.yahoo.com/, as published between 01/01/2003 and 09/22/2003.	
NA	2	BizRate.com web page, as provided by Internet Archive Wayback Machine at http://web.archive.org/web/20030101-20030922re_/http://bizrate.com/, as published between 01/01/2003 and 09/22/2003.	
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Examiner	Nicholas	Digitally signed by Nicholas Augustine DN: cn=Nicholas Augustine, c=US, c=USPTO,	Date	1-5-2007
Signature	Augustine	ou=2179, email=Nicholes.Augustine@uspto. : gov.: Dete: 2007.01.05 21:10:48 -05:00'	Considered	

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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet

	Complete if Known	
Application No.	10/673,957	
Filing Date	September 29, 2003	
First Named Inventor	Craig Nevill-Manning	
Art Unit	2173	
Examiner Name	John W. Cabeca	
Attorney Docket Number	24207-10063	

				U.S. PATI	ENT DOCUMENTS
			Document No.		
	Examiner Cite Initials* No.1		Number - Kind Code <sup>2</sup> (if known)	Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
N	IA	A1	US-7,080,070	07-18-2006	Gavarini
		A2	US-7,076,443	07-11-2006	Emens et al.
:		A3	US-7,058,598	06-06-2006	Chen et al.
		A4	US-2005/0075940 A1	04-07-2005	DeAngelis
		A5	US-2005/0071255 A1	03-31-2005	Wang et al.
		A6	US-2005/0021997 A1	01-27-2005	Benyon et al.
		A7	US-6,732,161	05-04-2004	Hess et al.
		A8	US-6,678,681	01-13-2004	Brin
		A9	US-2003/0167209 A1	09-04-2003	Hsieh
		A10	US-6,615,184	09-02-2003	Hicks
		A11	US-2003/0050865 A1	03-13-2003	Dutta et al.
		A12	US-2001/0056418 A1	12-27-2001	Youn Seok Ho
		A13	US-6,332,135	12-18-2001	Conklin et al.
		A14	US-6,298,174	10-02-2001	Lantrip et al.
		A15	US 6,271,840 B1	08-07-2001	Finseth et al.
$\overline{}$	,	A16	US-6,237,011	05-22-2001	Ferguson et al.
_/	/	A17	US-6,009,442	12-28-1999	Chen et al.

			FOREIGN PA	ATENT DOCUMENTS	
		Foreign Patent Document			
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NA	B1	EP 0964341 A	12-15-1999	Nippon Telegraph and Telephone Corporation, Tokyo 160 (JP)	
W	B2	WO 01/13273 A	02-22-2001	North Carolina state University	

Examiner Signature	Nicholas · Augustine	Digitally signed by Nicholas Augustine DN: cn=Nicholas Augustine, c=US, cmUSFTO, cu=2179, email=Nicholas. Augustine@ustine@ustine.com Date: 2007.01.05 21:12:35 -0500*	Date Considered	1-5-2007	
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Examiner Name	John W. Cabeca	
Attorney Docket Number	24207-10063	

		OTHER REFERENCES – NON-PATENT LITERATURE DOCUMENTS			
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NA	C1	BRIN, S. et al., "The Anatomy of a Large-Scale Hypertextual Web Search Engine," 1998, Computer Science			
		Department, Stanford University, Stanford, CA.			
	C2	CHANG, C-H. et al., "IEPAD: Information Extraction Based on Pattern Discovery," 2001, Dept. of Computer			
		Science and Information Engineering, National Central University, Chung-Li, Talwan.			
	C3	CRESCENZI, V. et al., "RoadRunner: Towards Automatic Data Extraction from Large Web Sites,"			
		Proceedings of the 27th VLDB Conference, 2001, Rome, Italy.			
	C4	DELORT, J-Y. et al., "Enhanced Web Document Summarization Using Hyperlinks," HT'03, August 26-30,			
į		2003, Nottingham, United Kingdom.			
	C5	FREITAG, D. et al., "Boosted Wrapper Induction," 2000, American Association for Artificial Intelligence.			
	C6	HSU, C-N. et al., "Generating Finite-State Transducers for Semi-Structured Data Extraction from the Web,"			
1		Information Systems, 1998, pp. 521-538, Vol. 23, No. 8, Elsevier Science Ltd. Great Britain.			
	C7	International Search Report and Written Opinion, PCT/US2004/038559, March 16, 2005			
	C8	KUSHMERICK, N., "Adaptive Information Extraction: Core Technologies for Information Agents," 2002,			
1		Computer Science Department, University College Dublin.			
	C9	KUSHMERICK, N., "Finite-State Approaches to Web Information Extraction," 2002, Computer Science			
		Department, University College Dublin.	}		
	C10	KUSHMERICK, N., "Wrapper Induction: Efficiency and Expressiveness," Artificial Intelligence, 2000, pp. 15-			
		68, 118, Elsevier Science B.V.			
	C11	LAENDER, A. et al., "A Brief Survey of Web Data Extraction Tools," 2002, Department of Computer Science,			
		Federal University of Minas Gerais, Belo Horizonte MG Brazil.			
	C12	MUSLEA, I. et al., "Hierarchical Wrapper Induction for Semistructured Information Sources," 1999, pp. 1-27,			
		Kluwer Academic Publishers, the Netherlands.	<u> </u>		
	C13	SHERMAN, C., "Yahoo! Launches New Product Search," September 23, 2003, SearchEngineWatch, [online]	1		
		[Retrieved on September 1, 2006] Retrieved from the			
		Internet <url:http: searchenginewatch.com="" showpage.html?page="3081551"></url:http:>			
1/	C14	WHITE, M. et al., "Multidocument Summarization via Information Extraction," First International Conference			
V		on Human Language Technology Research (HLT), 2001.			

Signature  Augustine  Augustine
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